

INTERNATIONAL COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

To:

United States Patent and Trademark
Office
(Box PCT)
Crystal Plaza 2
Washington, DC 20231
ÉTATS-UNIS D'AMÉRIQUE

in its capacity as elected Office

Date of mailing:

08 April 1999 (08.04.99)

International application No.:

PCT/IL97/00319

Applicant's or agent's file reference:

PDL

International filing date:

30 September 1997 (30.09.97)

Priority date:

Applicant:

AMIR, Gideon et al

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International preliminary Examining Authority on:

18 October 1998 (18.10.98)

☐ in a notice effecting later election filed with the International Bureau on:2. The election ☒ was☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer:

J. Zahra

Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PDL	FOR FURTHER ACTION		See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
International application No. PCT/IL97/00319	International filing date (day/month/year) 30/09/1997	Priority date (day/month/year) 30/09/1997	
International Patent Classification (IPC) or national classification and IPC G06T11/60			
Applicant INDIGO N.V. et al.			

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.



2. This REPORT consists of a total of 7 sheets, including this cover sheet.

- ☐ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☒ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 18/10/1998	Date of completion of this report 21 12 99
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer Casteller, M Telephone No. +49 89 2399 2666 

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/IL97/00319

I. Basis of the report

1. This report has been drawn on the basis of (*substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.*):

Description, pages:

1-9 as originally filed

Claims, No.:

1-12 as originally filed

Drawings, sheets:

1/2-2/2 as originally filed

2. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
☐ the claims, Nos.:
☐ the drawings, sheets:

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

4. Additional observations, if necessary:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/IL97/00319

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes:	Claims	1-12
	No:	Claims	
Inventive step (IS)	Yes:	Claims	1-12
	No:	Claims	
Industrial applicability (IA)	Yes:	Claims	1-12
	No:	Claims	

2. Citations and explanations

see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/IL97/00319

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Reference is made to the following documents:

D1: EP-A-0 702 328 (CANON KK; CANON INFORMATION SYSTEM RESEARCH AUSTRALIA PTY LTD.)
D2: US-A-5 600 768 (K.W. ANDRESEN)

2. The invention appears to be characterized over the known prior art by the following features set out in paragraph (c) of claim 1.

Pixel data values are serially transmitted to and written into said buffer memory, whereby complete portions of a current band are sequentially transmitted and written, each transmitted portion corresponding to that part of an image element comprised in the current band.

In contrast, D1 teaches that a band rendering subsystem calculates the intersections of the various line segments (defining the objects) with a current scan line of the band by traversing, for each scan line, a vector line intersection list: cf. D1, page 7, lines 53-58, page 10, lines 18-28.

Thus D1 teaches away from the invention since data associated to one and the same vector line and contained in said vector line intersection list is accessed as many times as a given vector line intersects the scan lines making up one band.

D1 thus suffers the disadvantage of time consuming switches between non-sequential memory locations of said vector line intersection list and thus corresponds to the background prior art discussed at page 1 of the present application.

It could be additionally observed that D1 also differs from the invention in that data stored in band buffer (94) is not yet printable data, but is instead compressed image data (e.g. run-length encoded, cf. D1 page 8, lines 3-6 and 10-13).

This only means, however, that the invention, in which band data is not so compressed before being written into the buffer memory, is comparatively simpler than D1, where said data compression allows using a band buffer 94 of smaller size.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/IL97/00319

An additional minor advantage offered by the invention, as set out in dependent claim 2, consists in avoiding writing data into the buffer for blank pixels; only pixels that are part of some element in the band are processed.

3. Notwithstanding the above observations, the following features of the application, and particularly of claim 1, are known from the prior art.

Claim 1, lines 1-2: a method for composing a page in continuous tone (i.e. grey scale) pixels or bit-mapped pixels, said page being made up of a plurality of elements (i.e. characters, graphics, etc.).

D1 describes an object-based rendering system wherein object-based image data as well as (scanned) pixel-based data can be combined and rendered for printing (cf. D1, page 2, lines 5-9; page 4, lines 5-10)

Claim 1, paragraph (b): a page to be printed is divided into bands, preferably horizontal bands.

D1 indicates how to avoid the need of a large page frame buffer (cf. page 2, lines 18-21) by dividing the page to be printed in a number of horizontal bands 8, each having a given number of pixel lines, cf. D1, page 4, lines 11-20. The bands 8 of D1 thus completely correspond to the bands recited in claim 1, paragraph (b), of the present application.

Claim 1, paragraph (a): determining the position of each element on the page to be printed.

Correspondingly, in D1 an object band intersection list is formed that, for each band, indicates those objects that intersect the band (cf. D1, page 5, lines 36-51).

To do so, as a matter of course it is necessary to know where each object is located in the page, e.g. by transforming the object's description into page co-ordinates (cf. D1, page 5, paragraphs 1 and 2).

The present application, even considering the description, is drafted in merely functional terms. In this respect D1 simply gives more details on how object positions are determined than the present application does.

Claim 1, paragraphs (c), (d) and (e): providing a buffer memory corresponding in size to the size of said bands and when said buffer memory has been completely written

with data completely defining a current band, transferring its contents e.g. to the actual printing system.

In D1, band buffer 94 (cf. figure 17) completely corresponds to the claimed buffer memory as it stores data that define a whole band and are ready to be printed, cf. D1, page 8, lines 10-13.

What characterizes the invention is not the claimed buffer memory as such, but the way in which pixel data of band-intersecting objects is written thereto, as set out in paragraph 2 above.

4. Prior art document D2 merely represents further background prior art and does not anticipate the invention.

The problem therein considered is improving memory usage of image memory buffers that do not contain, as in the invention, pixel data, but "object-based information" (cf. D2, column 3, lines 47-49; see also column 5, lines 1-19 and claim 1, according to which "commands" are generated, accumulated and stored), such as drawing macros (e.g. "Draw Rectangle A") and/or object descriptors (e.g. "Set Red"). The page is divided into a plurality of horizontal bands, and a positional sorting is performed for each horizontal band by an interpreter 16, which generates band-related display lists which are then transformed by a renderer 20 into pixel data stored in a frame buffer 22, which most probably stores pixel data for a whole page and from which image data is supplied to a display engine (cf. D2, column 4, lines 50-66).

The additional document cited in the international search report merely represents further background prior art further away from the invention.

Re Item VII

Certain defects in the international application

5. Independent claim 1 is not in the two-part form in accordance with Rule 6.3(b) PCT, which in the present case would be appropriate, with those features known in combination from the prior art (cf. paragraph 3 above) being placed in a preamble (Rule 6.3(b)(i) PCT) and with the characterizing features (cf. paragraph 2 above) being included in a characterising part (Rule 6.3(b)(ii) PCT).

The claims are not provided with reference signs placed in parentheses as required

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/IL97/00319

by Rule 6.2(b) PCT.

Prior art documents D1 and D2 should have been mentioned in the description as required by Rule 5.1(a)(ii) PCT.

Dependent claim 9 erroneously refers to "a page composition system" instead of "a page composition method".

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT
OR THE DECLARATION

(PCT Rule 44.1)

To:

FENSTER & COMPANY
Attn. FENSTER, Paul
P.O.Box 2741
Petach Tikva 49127
ISRAEL

Date of mailing
(day/month/year)

04/06/1998

Applicant's or agent's file reference

PDL

FOR FURTHER ACTION See paragraphs 1 and 4 below

International application No.

PCT/IL 97/00319

International filing date
(day/month/year)

30/09/1997

Applicant

INDIGO N.V. et al.

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicants's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority

European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lucia Van Pinxteren

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether:

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PDL	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/IL 97/00319	International filing date (day/month/year) 30/09/1997	(Earliest) Priority Date (day/month/year)
Applicant INDIGO N.V. et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 2 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (see Box I).
2. ☐ Unity of invention is lacking (see Box II).
3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing
 - ☐ filed with the international application.
 - ☐ furnished by the applicant separately from the international application.
 - ☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.
 - ☐ Transcribed by this Authority
4. With regard to the title, ☒ the text is approved as submitted by the applicant
 - ☐ the text has been established by this Authority to read as follows:
5. With regard to the abstract,
 - ☒ the text is approved as submitted by the applicant
 - ☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International Search Report, submit comments to this Authority.
6. The figure of the drawings to be published with the abstract is:
 - Figure No. 2 ☒ as suggested by the applicant. ☐ None of the figures.
 - ☐ because the applicant failed to suggest a figure.
 - ☐ because this figure better characterizes the invention.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL 97/00319

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 G06T11/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 600 768 A (ANDRESEN KEVIN W) 4 February 1997 see column 3, line 37 - line 40; claims 1,4; figures 1,2 ---	1,2,8,9
X	EP 0 702 328 A (CANON KK ; CANON INFORMATION SYST RES (AU)) 20 March 1996 see claims 1,6,9,20 ---	1-4,7
A	EP 0 459 711 A (MATSUSHITA ELECTRIC IND CO LTD) 4 December 1991 see claim 1 -----	2

☐ Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

27 May 1998

Date of mailing of the international search report

04/06/1998

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Perez Molina, E

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL 97/00319

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5600768	A	04-02-1997	NONE		

EP 0702328	A	20-03-1996	AU	2859695 A	28-03-1996
			JP	9016745 A	17-01-1997

EP 0459711	A	04-12-1991	JP	2584105 B	19-02-1997
			JP	4036877 A	06-02-1992

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

FENSTER, Paul
Fenster & Company Ltd.
P.O. Box 2741
29127 Petach Tikva
ISRAËL

Date of mailing (day/month/year)

25 November 1998 (25.11.98)

Applicant's or agent's file reference

PDL

IMPORTANT NOTIFICATION

International application No.

PCT/IL97/00319

International filing date (day/month/year)

30 September 1997 (30.09.97)

1. The following indications appeared on record concerning:



the applicant



the inventor



the agent



the common representative

Name and Address

RIDEL, Lenny
60 Levin Epstein Street
Revohot 76462
Israel

State of Nationality

IL

State of Residence

IL

Telephone No.

Facsimile No.

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:



the person



the name



the address



the nationality



the residence

Name and Address

RIDEL, Lenny
26 Ben Gurion Street
Hod Hasharon 45200
Israel

State of Nationality

IL

State of Residence

IL

Telephone No.

Facsimile No.

Teleprinter No.

3. Further observations, if necessary:

4. A copy of this notification has been sent to:



the receiving Office



the International Searching Authority



the International Preliminary Examining Authority



the designated Offices concerned



the elected Offices concerned



other:

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Catherine Massetti

Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY

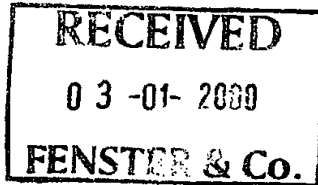
From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT
(PCT Rule 71.1)

To:

FENSTER, Paul
FENSTER & COMPANY
P.O.Box 2741
Petach Tikva 49127
ISRAEL



Date of mailing
(day/month/year)

27. 12. 99

Applicant's or agent's file reference
PDL

IMPORTANT NOTIFICATION

International application No.
PCT/IL97/00319

International filing date (day/month/year)
30/09/1997

Priority date (day/month/year)
30/09/1997

Applicant
INDIGO N.V. et al.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/

European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Authorized officer

Taylor, K

Tel. +49 89 2399-2687

